

| | Type | Hits | Search Text |
|----|------|--------|--|
| 1 | BRS | 1 | 10/809914 |
| 2 | BRS | 1 | S1 and (device\$2 seal\$4contact\$3 trench\$4 flush\$4 ledg\$3 via mate mating ferrule) |
| 3 | BRS | 1 | S1 and (device\$2 seal\$4contact\$3 trench\$4 flush\$4 ledg\$3 via mate mating ferrule passsive rotat\$4 polariz\$4) |
| 4 | BRS | 7 | ("945,400" "6184066" "20020068373" "6,581279" "6597,713" "4,873,566" "6,104,690" "20020126940").pn. |
| 5 | BRS | 213516 | (mount\$5 same substrat\$4) |
| 6 | BRS | 567746 | (wafer\$1 chassis) |
| 7 | BRS | 221 | (wafer\$1 same chassis) |
| 8 | BRS | 349406 | substrat\$4 same (mount\$4 stack\$4 vertic\$4 hermat\$6) |
| 9 | BRS | 1 | 10/809914 |
| 10 | BRS | 1 | S10 and (substrat\$5 same device\$2) |
| 11 | BRS | 548048 | (substrat\$5 near12 (optoelectr\$5 electrooptic\$4 laser\$1 ld\$1 pd\$1 device\$2 optic\$4)) |
| 12 | BRS | 5658 | ((spacing spacer) near8 (layer\$1 substrat\$2)) same seal\$5 near8 (layer\$1 substrat\$4) |
| 13 | BRS | 4442 | (electric\$4 near12 (lead\$2 contact\$4)) same seal\$5 near8 (layer\$1 substrat\$4) |
| 14 | BRS | 45668 | (electric\$4 near12 (lead\$2 contact\$4)) same seal\$5 |
| 15 | BRS | 427288 | wafer\$1 |
| 16 | BRS | 142448 | chassis |
| 17 | BRS | 486 | S5 and S16 and S17 |
| 18 | BRS | 171 | S9 and S12 and S13 and S15 |

| | DBs | Time Stamp | Comments | Error Definition |
|----|---------------------------------------|------------------|----------|------------------|
| 1 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 11:51 | | |
| 2 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 11:52 | | |
| 3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 13:08 | | |
| 4 | US-PGPUB; USPAT | 2006/02/28 13:45 | | |
| 5 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 13:45 | | |
| 6 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 13:47 | | |
| 7 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 13:48 | | |
| 8 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 14:23 | | |
| 9 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 13:50 | | |
| 10 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 13:52 | | |
| 11 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 19:55 | | |
| 12 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 15:23 | | |
| 13 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 14:03 | | |
| 14 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 14:08 | | |
| 15 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 14:05 | | |
| 16 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 14:05 | | |
| 17 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 14:06 | | |
| 18 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 14:07 | | |

| | Errors | Ref # |
|----|--------|-------|
| 1 | | S1 |
| 2 | | S2 |
| 3 | | S3 |
| 4 | | S4 |
| 5 | | S5 |
| 6 | | S7 |
| 7 | | S8 |
| 8 | | S9 |
| 9 | | S10 |
| 10 | | S11 |
| 11 | | S12 |
| 12 | | S13 |
| 13 | | S14 |
| 14 | | S15 |
| 15 | | S16 |
| 16 | | S17 |
| 17 | | S18 |
| 18 | | S19 |

| | Type | Hits | Search Text |
|----|------|--------|--|
| 19 | BRS | 2 | S18 and S19 |
| 20 | BRS | 486 | S18 and S7 |
| 21 | BRS | 49430 | (electric\$4 near12 (lead\$2 contact\$4)) same external |
| 22 | BRS | 51 | S21 and S22 |
| 23 | BRS | 1 | S23 and pyrex |
| 24 | BRS | 2 | S21 and pyrex |
| 25 | BRS | 27 | S23 and (layer\$1 substrat\$4) same (si silic\$4) |
| 26 | BRS | 46328 | (faraday rotat\$5) same polariz\$5 |
| 27 | BRS | 607851 | (electric\$4 near12 (lead\$2 contact\$4)) |
| 28 | BRS | 316 | S21 and S29 |
| 29 | BRS | 2 | S30 and pyrex |
| 30 | BRS | 2 | S31 and (layer\$1 substrat\$4) same (si silic\$4) |
| 31 | BRS | 171 | S30 and (layer\$1 substrat\$4) same (si silic\$4) |
| 32 | BRS | 9439 | (faraday rotat\$5) same polariz\$5 same (layer\$1 substrat\$4) |
| 33 | BRS | 2 | S33 and S34 |
| 34 | BRS | 2 | S30 and S34 |
| 35 | BRS | 6 | S21 and S34 |
| 36 | BRS | 112 | S33 and (stack\$4 vertic\$4 hermat\$6) same (mount\$4 substrat\$4) |
| 37 | BRS | 16 | S39 and ((trench\$4 groov\$4) near7 (reflect\$5) (reflect\$5 same layer)) |
| 38 | BRS | 14 | S41 and (metal\$5 same (trench\$4 via hole\$1 groov\$4channel\$4)) |
| 39 | BRS | 1 | S10 and (layers substrates) |

| | DBs | Time Stamp | Comments | Error Definition |
|----|---------------------------------------|------------------|----------|------------------|
| 19 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 14:07 | | |
| 20 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 14:07 | | |
| 21 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 16:30 | | |
| 22 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 14:09 | | |
| 23 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 14:16 | | |
| 24 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 14:12 | | |
| 25 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 14:17 | | |
| 26 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 14:18 | | |
| 27 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 14:16 | | |
| 28 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 14:16 | | |
| 29 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 14:16 | | |
| 30 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 14:17 | | |
| 31 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 15:24 | | |
| 32 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 14:18 | | |
| 33 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 14:19 | | |
| 34 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 14:19 | | |
| 35 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 14:19 | | |
| 36 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 14:24 | | |
| 37 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 14:31 | | |
| 38 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 14:41 | | |
| 39 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 14:41 | | |

| | Errors | Ref # |
|----|---------------|--------------|
| 19 | | S20 |
| 20 | | S21 |
| 21 | | S22 |
| 22 | | S23 |
| 23 | | S25 |
| 24 | | S26 |
| 25 | | S27 |
| 26 | | S28 |
| 27 | | S29 |
| 28 | | S30 |
| 29 | | S31 |
| 30 | | S32 |
| 31 | | S33 |
| 32 | | S34 |
| 33 | | S35 |
| 34 | | S36 |
| 35 | | S37 |
| 36 | | S39 |
| 37 | | S41 |
| 38 | | S42 |
| 39 | | S43 |

| | Type | Hits | Search Text |
|----|------|---------|--|
| 40 | BRS | 160 | S33 and (layers substrates) |
| 41 | BRS | 22 | S44 and (fiber\$1 waveguide\$1 fibrer\$1) and (passiv\$3 diffractive grating\$1) and optical |
| 42 | BRS | 16 | S45 not S42 |
| 43 | BRS | 19 | S33 and (optoelectron\$4 electrooptic\$4 eletro adj1 optic\$4 opt\$4 near1 electr\$5) |
| 44 | BRS | 6 | S47 not (S46 S42) |
| 45 | BRS | 776689 | (layer\$1 substrat\$4) same (si silic\$4) |
| 46 | BRS | 375600 | (optoelectron\$4 electrooptic\$4 eletro adj1 optic\$4 opt\$4 near7 electr\$5) |
| 47 | BRS | 224 | S9 and S12 and S13 and S29 and S50 and S51 |
| 48 | BRS | 136 | S52 and (optic\$4 same electric\$4) |
| 49 | BRS | 135 | S53 not (S46 S42 S49) |
| 50 | BRS | 1928050 | S54 seal\$4 |
| 51 | BRS | 135 | S54 and seal\$4 |
| 52 | BRS | 79 | S56 and seal\$4 near7 layer\$1 |
| 53 | BRS | 6 | S57 and (Vertical near7 (Cavity emit\$5 Laser Monitor\$4) vcsel dvcsel) |
| 54 | BRS | 2 | S59 not S58 |
| 55 | BRS | 8 | S56 and (Vertical near7 (Cavity emit\$5 Laser Monitor\$4) vcsel dvcsel) |
| 56 | BRS | 204 | S52 and (optic\$4 same electr\$7) |
| 57 | BRS | 164 | S52 and (optic\$4 same (electronic\$3 optoelect\$5 electric\$5)) |
| 58 | BRS | 9 | S62 and (Vertical near7 (Cavity emit\$5 Laser Monitor\$4) vcsel dvcsel) |

| | DBs | Time Stamp | Comments | Error Definition |
|----|---------------------------------------|------------------|----------|------------------|
| 40 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 14:42 | | |
| 41 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 14:45 | | |
| 42 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 15:14 | | |
| 43 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 15:25 | | |
| 44 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 15:51 | | |
| 45 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 15:24 | | |
| 46 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 15:26 | | |
| 47 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 15:50 | | |
| 48 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 16:23 | | |
| 49 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 15:51 | | |
| 50 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 15:52 | | |
| 51 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 15:52 | | |
| 52 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 16:07 | | |
| 53 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 17:19 | | |
| 54 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 16:20 | | |
| 55 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 16:52 | | |
| 56 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 16:24 | | |
| 57 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 16:26 | | |
| 58 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 16:27 | | |

| | Errors | Ref # |
|----|--------|-------|
| 40 | | S44 |
| 41 | | S45 |
| 42 | | S46 |
| 43 | | S47 |
| 44 | | S49 |
| 45 | | S50 |
| 46 | | S51 |
| 47 | | S52 |
| 48 | | S53 |
| 49 | | S54 |
| 50 | | S55 |
| 51 | | S56 |
| 52 | | S57 |
| 53 | | S58 |
| 54 | | S60 |
| 55 | | S59 |
| 56 | | S61 |
| 57 | | S62 |
| 58 | | S63 |

| | Type | Hits | Search Text |
|----|------|------|--|
| 59 | BRS | 1 | S63 not S59 |
| 60 | BRS | 2 | S59 and (electric\$4 near12 (lead\$2 contact\$4 pad\$3) same (monitor\$4 external)) |
| 61 | BRS | 4 | S66 and monitor\$4 |
| 62 | BRS | 8 | S59 and (electric\$4 near12 (lead\$2 contact\$4 pad\$3)) |
| 63 | BRS | 2 | ("20030002809" "6981804") |
| 64 | BRS | 2 | S68 and S66 |
| 65 | BRS | 2 | S68 and (substrat\$5 near12 (optoelectr\$5 electrooptic\$4 laser\$1 ld\$1 pd\$1 device\$2 optic\$4)) |
| 66 | BRS | 2 | S68 and (tun\$4 control\$4 elect\$5) same (mirr\$4 etalon reflect\$5 rotat\$5 tilt\$4) |
| 67 | BRS | 2 | S68 and (seal\$5 same spac\$4) |
| 68 | BRS | 1 | S10 and (seal\$5 same spac\$4) |
| 69 | BRS | 1 | S10 and seal\$4 near7 (optoelectr\$5 electrooptic\$4 laser\$1 ld\$1 pd\$1 device\$2 optic\$4 element\$3) |
| 70 | BRS | 1 | S10 and spac\$4 near7 (optoelectr\$5 electrooptic\$4 laser\$1 ld\$1 pd\$1 device\$2 optic\$4 element\$3) |
| 71 | BRS | 2 | S69 and (seal\$4 nar12 (glue apox\$4 materil\$4 glass silic\$4 trans\$6)) |
| 72 | BRS | 2 | S68 and (seal\$4 nar12 (glue apox\$4 materil\$4 glass silic\$4 trans\$6)) |
| 73 | BRS | 0 | S68 and (seal\$4 near12 (glue apox\$4 materil\$4 glass silic\$4 trans\$6)) |
| 74 | BRS | 2 | S68 and (seal\$4 near12 (glu\$4 apox\$4 epox\$5 materil\$4 glass\$3 silic\$4 transpa\$6 translu\$4 compon\$4)) |
| 75 | BRS | 2 | S68 and (seal\$4 same (glu\$4 apox\$6 epox\$6 glass\$3 silic\$4 transpa\$6 so\$2 translu\$4)) |
| 76 | BRS | 2 | "20010010702" |

| | DBs | Time Stamp | Comments | Error Definition |
|----|---------------------------------------|------------------|----------|------------------|
| 59 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 16:27 | | |
| 60 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 16:35 | | |
| 61 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 16:36 | | |
| 62 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 17:22 | | |
| 63 | US-PGPUB; USPAT | 2006/02/28 17:23 | | |
| 64 | US-PGPUB; USPAT | 2006/02/28 18:12 | | |
| 65 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 19:20 | | |
| 66 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 19:49 | | |
| 67 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 20:21 | | |
| 68 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 19:53 | | |
| 69 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 19:58 | | |
| 70 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 20:03 | | |
| 71 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 20:06 | | |
| 72 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 20:07 | | |
| 73 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 20:07 | | |
| 74 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 20:11 | | |
| 75 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/03/02 12:04 | | |
| 76 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 20:21 | | |

| | Errors | Ref # |
|----|---------------|--------------|
| 59 | | S64 |
| 60 | | S65 |
| 61 | | S67 |
| 62 | | S66 |
| 63 | | S68 |
| 64 | | S69 |
| 65 | | S70 |
| 66 | | S71 |
| 67 | | S72 |
| 68 | | S73 |
| 69 | | S74 |
| 70 | | S75 |
| 71 | | S76 |
| 72 | | S77 |
| 73 | | S79 |
| 74 | | S80 |
| 75 | | S81 |
| 76 | | S82 |

| | Type | Hits | Search Text |
|----|------|------|--|
| 77 | BRS | 1 | S82 and (seal\$5 same spac\$4) |
| 78 | BRS | 2 | "20010010702" |
| 79 | BRS | 2 | ("20030002809" "6981804") |
| 80 | BRS | 2 | S85 and (elect\$5 same wire\$1 contact\$4 same extern\$4) |
| 81 | BRS | 2 | S85 and (elect\$5 same (wire\$1 contact\$4 extern\$4)) |

| | DBs | Time Stamp | Comments | Error Definition |
|----|---------------------------------------|------------------|----------|------------------|
| 77 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/02/28 20:21 | | |
| 78 | US-PGPUB; USPAT; EPO; JPO; DERWENT | 2006/03/02 09:49 | | |
| 79 | US-PGPUB; USPAT | 2006/03/02 09:50 | | |
| 80 | US-PGPUB; USPAT | 2006/03/02 09:55 | | |
| 81 | US-PGPUB; USPAT | 2006/03/02 09:55 | | |

| | Errors | Ref # |
|----|--------|-------|
| 77 | | S83 |
| 78 | | S84 |
| 79 | | S85 |
| 80 | | S86 |
| 81 | | S87 |